

Amendments to the Claims

This listing of claims replaces prior versions:

Claims 1-6 (Canceled)

Claim 7 (Previously Presented): An input processing method for a device which provides input by performing a touch motion on an operating surface, comprising;

a first step of detecting the number of successive occurrences of said touch motion; and

a second step of determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said number of occurrences is 1, said second step determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Claim 8 (Previously Presented): An input processing method for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the number of successive occurrences of said touch motion; and

a second step of determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said detected number of occurrences is 2, it is determined that a single click has occurred, and/or when said detected number of occurrences is 3, it is determined that a double click has occurred.

Claim 9 (Currently Amended): An input processing method for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second step of determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section, receives a double tap as an equivalent of a single click of a mouse, and receives a triple tap as an equivalent of a double click of a mouse,

said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a step in which said cursor changes from said second state to said first state in response to said touch state indicating information.

Claim 10 (Canceled)

Claim 11 (Currently Amended): An input processing method for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second step of determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section, receives a double tap as an equivalent of a single click of a mouse, and receives a triple tap as an equivalent of a double click of a mouse,

said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a step in which said cursor changes from said first state to said second state when said touch motion has ended.

Claims 12 and 13 (Canceled)

Claim 14 (Original): An input processing method as claimed in claim 9, wherein said first state is a cursor-clicked state, and/or said second state is a hovering state.

Claim 15 (Canceled)

Claim 16 (Previously Presented): An input processing method for a device which provides input by performing a touch motion on an operating surface, comprising the steps of:

detecting the number of successive occurrences of said touch motion; and

determining a corresponding mouse operation in accordance with said detected number of occurrences, wherein said corresponding mouse operation determining step determines that a single click has occurred when said detected number of occurrences is 2, and/or determines that a double click has occurred when said detected number of occurrences is 3.

Claims 17-24 (Canceled)

Claim 25 (Previously Presented): An input control apparatus for a device which provides input by performing a touch motion on an operating surface, comprising:

a first unit detecting the number of successive occurrences of said touch motion; and

a second unit determining information indicating a touch state in accordance with said detected number of occurrences, wherein when said number of occurrences is 1, said second unit determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Claim 26 (Previously Presented): An input control apparatus for a device which provides input by performing a touch motion on an operating surface, comprising

a first unit detecting the number of successive occurrences of said touch motion; and

a second unit determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said detected number of occurrences is 2, it is determined that a single click has occurred, and/or when said detected number of occurrences is 3, it is determined that a double click has occurred.

Claim 27 (Currently Amended): An input control apparatus for a touch input device which provides input by performing a touch motion on an operating surface, comprising:

a first unit detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second unit determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section, receives a double tap as an equivalent of a single click of a mouse, and receives a triple tap as an equivalent of a double click of a mouse,

said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a unit for changing said cursor from said second state to said first state in response to said touch state indicating information.

Claim 28 (Canceled)

Claim 29 (Currently Amended): An input control apparatus for a touch input device which provides input by performing a touch motion on an operating surface, comprising.

a first unit detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface: and

a second unit determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section, receives a double tap as an equivalent of a single click of a mouse, and receives a triple tap as an equivalent of a double click of a mouse,

said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a unit changing said cursor from said first state to said second state when said touch motion has ended.

Claims 30-31 (Canceled)

Claim 32 (Original): An input control apparatus as claimed in claim 27, wherein said first state is a cursor-clicked state, and/or said second state is a hovering state.

Claim 33 (Canceled)

Claim 34 (Previously Presented): An input control apparatus for a device which provides input by performing a touch motion on an operating surface, comprising:

a unit detecting the number of successive occurrences of said touch motion; and

a unit determining a corresponding mouse operation in accordance with said detected number of occurrences,

wherein said corresponding mouse operation determining unit determines that a single click has occurred when said detected number of occurrences is 2, and/or determines that a double click has occurred when said detected number of occurrences is 3.

Claims 35-43 (Canceled)

Claim 44 (Currently Amended): A recording medium ~~as claimed~~ readable by a computer, said computer using a device which provides input by performing a touch motion on an

operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the number of successive occurrences of said touch motion; and
a second function for determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said number of occurrences is 1, said second function determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Claims 45 (Previously Presented): A recording medium readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the number of successive occurrences of said touch motion; and
a second function for determining information indicating a touch state in accordance with said detected number of occurrences, including a function for causing said computer to determine that a single click has occurred when said detected number of occurrences is 2, and/or a function for causing said computer to determine that a double click has occurred when said detected number of occurrences is 3.

Claim 46 (Currently Amended): A recording medium readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second function determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section, receives a double tap as an equivalent of a single click of a mouse, and receives a triple tap as an equivalent of a double click of a mouse,

said cursor having a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a function changing said cursor from said second state to said first state in response to said touch state indicating information.

Claim 47 (Canceled)

Claim 48 (Currently Amended): A recording medium readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second function determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section, receives a double tap as an equivalent of a single click of a mouse, and receives a triple tap as an equivalent of a double click of a mouse,

said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a function for changing said cursor from said first state to said second state when said touch motion has ended.

Claims 49-50 (Canceled)

Claim 51 (Original): A recording medium as claimed in claim 46, wherein said first state is a cursor-clicked state, and/or said second state is a hovering state.

Claim 52 (Canceled)

Claim 53 (Previously Presented): A recording medium readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a function detecting the number of successive occurrences of said touch motion; and

a function determining a corresponding mouse operation in accordance with said detected number of occurrences, wherein said corresponding mouse operation determining function

determines that a single click has occurred when said detected number of occurrences is 2, and/or determines that a double click has occurred when said detected number of occurrences is 3.

Claim 54 (Canceled)

Claim 55 (Previously Presented): An input processing method for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the number of successive occurrences of said touch motion; and

a second step of determining information indicating a touch state in accordance with said detected number of occurrences,

wherein said first step detects the number of occurrences of said touch motion over a predetermined length of time,

and wherein when said number of occurrences is 1, said second step determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Claim 56 (Previously Presented): An input processing method for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the number of occurrences of said touch motion over a predetermined length of time; and

a second step of determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said number of occurrences is 1, said second step determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Claim 57 (Previously Presented): An input processing method for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the number of successive occurrences of said touch motion; and

a second step of determining information indicating a touch state in accordance with said detected number of occurrences,

wherein said first step detects the number of occurrences of said touch motion over a predetermined length of time,

and wherein when said detected number of occurrences is 2, it is determined that a single click has occurred, and/or when said detected number of occurrences is 3, it is determined that a double click has occurred.

Claim 58 (Previously Presented): An input processing method for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the number of occurrences of said touch motion over a predetermined length of time; and

a second step of determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said detected number of occurrences is 2, it is determined that a single click has occurred, and/or when said detected number of occurrences is 3, it is determined that a double click has occurred.

Claim 59 (Previously Presented): An input control apparatus for a device which provides input by performing a touch motion on an operating surface, comprising:

a first unit detecting the number of successive occurrences of said touch motion; and

a second unit detecting information indicating a touch state in accordance with said detected number of occurrences,

wherein said first unit detects the number of occurrences of said touch motion over a predetermined length of time,

and wherein when said number of occurrences is 1, said second unit determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Claim 60 (Previously Presented): An input control apparatus for a device which provides input by performing a touch motion on an operation surface, comprising:

a first unit detecting the number of occurrences of said touch motion over a predetermined length of time; and

a second unit determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said number of occurrences is 1, said second unit determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Claim 61 (Previously Presented): A recording medium readable by a computer, said computer using a device which provides input by performing a touch motion on an operating

surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the number of successive occurrences of said touch motion; and

a second function for determining information indicating a touch state in accordance with said detected number of occurrences,

wherein said first function detects the number of occurrences of said touch motion over a predetermined length of time,

and wherein when said number of occurrences is 1, said second function determines that the state is not the touch state occurrences in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Claim 62 (Previously Presented): A recording medium readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the number of occurrences of said touch motion over a predetermined length of time; and

a second function determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said number of occurrences is 1, said second function determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.